

Title (en)
Vehicle sunroof control.

Title (de)
Steuerung eines Kraftfahrzeugschiebedaches.

Title (fr)
Commande d'un toit ouvrant de véhicule.

Publication
EP 0485046 A1 19920513 (EN)

Application
EP 91302275 A 19910318

Priority
GB 9023955 A 19901103

Abstract (en)
A sunroof assembly 10 for a motor vehicle has a closure member slidable across an opening between an open and closed position. Towards the leading edge of the sunroof opening and below the level of the closure member there are provided in line an infra-red light source 30 and an infra-red detector 32. With no obstruction in the opening the light pulses are detected by the latter. However obstruction in the path of the light pulses alters the output of a comparator 34 causing a micro controller 15 to stop further automatic movement of the roof closure member, manual further movement only being possible. <IMAGE>

IPC 1-7
B60J 7/057; **E05F 15/00**

IPC 8 full level
B60J 7/057 (2006.01); **E05F 15/00** (2006.01)

CPC (source: EP)
B60J 7/0573 (2013.01); **E05F 15/431** (2015.01); **E05Y 2900/542** (2013.01); **E05Y 2900/55** (2013.01)

Citation (search report)
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• [X] PATENT ABSTRACTS OF JAPAN vol. 9, no. 168 (M-396)(1891) 13 July 1985 & JP-A-60 042 126 (AISHIN SEIKI K.K) 6 March 1985
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Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0485046 A1 19920513; GB 9023955 D0 19901219

DOCDB simple family (application)
EP 91302275 A 19910318; GB 9023955 A 19901103